

L Number	Hits	Search Text	DB	Time stamp
5	7	5150499.URPN.	USPAT	2002/11/01 16:07
6	8	("1920889" "2244635" "2430081" "3713280" "3780345" "4194081" "4215384" "4345297").PN.	USPAT	2002/11/01 16:17
7	3	2244635.URPN.	USPAT	2002/11/01 16:19
10	6	2430081.URPN.	USPAT	2002/11/01 16:20
13	9	4194081.URPN.	USPAT	2002/11/01 16:20
16	9	4715085.URPN.	USPAT	2002/11/01 16:23
17	1	5944059.URPN.	USPAT	2002/11/01 16:23
18	22	4215384.URPN.	USPAT	2002/11/01 16:24
21	15	5124878.URPN.	USPAT	2002/11/01 16:27
-	9	29/\$.ccls. and 414/\$.ccls. and hand adj1 tool	USPAT; US-PGPUB	2002/10/23 14:07
-	0	vacuum adj1 tool and drive adj1 wheel and spindle	USPAT; US-PGPUB	2002/10/22 13:34
-	3	vacuum adj1 tool and drive adj1 wheel	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/10/22 13:35
-	156	vacuum adj1 tool and electronic	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/10/22 13:35
-	95	(vacuum adj1 tool and electronic) and control	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/10/22 13:36
-	2	((vacuum adj1 tool and electronic) and control) and wheel	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/10/22 13:36
-	9460	29/\$.ccls. and vacuum	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/10/22 13:37
-	2461	(29/\$.ccls. and vacuum) and electronic	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/10/22 13:37
-	236	((29/\$.ccls. and vacuum) and electronic) and hand and tool	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/10/22 13:38
-	174	((((29/\$.ccls. and vacuum) and electronic) and hand and tool) and assembly	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/10/22 13:39
-	158	(((((29/\$.ccls. and vacuum) and electronic) and hand and tool) and assembly) and mount\$3	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/10/22 13:39
-	116	((((((29/\$.ccls. and vacuum) and electronic) and hand and tool) and assembly) and mount\$3) and control	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/10/22 13:40
-	93	((((((((29/\$.ccls. and vacuum) and electronic) and hand and tool) and assembly) and mount\$3) and control) and driv\$3	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/10/22 13:40

-	5	(((((29/\$.ccls. and vacuum) and electronic) and hand and tool) and assembly) and mount\$3) and control) and driv\$3) and spindle	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/10/22 13:42
-	35	(((((29/\$.ccls. and vacuum) and electronic) and hand and tool) and assembly) and mount\$3) and control) and driv\$3) and wheel	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/10/22 13:48
-	2	4624050.pn.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/10/22 14:02
-	21	4624050.URPN.	USPAT	2002/10/22 13:49
-	22	4705311.URPN.	USPAT	2002/10/22 13:52
-	23	("3676911" "4473247" "4553322" "4599037" "4703965" "4705311" "4753004" "4782273" "4822091" "4937511" "4950011" "5038466" "5050919" "5185811" "5207465" "5231753" "5422554" "5572785" "5585979" "5708541" "5734523" "5870820" "5953812").PN.	USPAT	2002/10/22 13:56
-	2	4763405.pn.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/10/22 14:02
-	12	4763405.URPN.	USPAT	2002/10/22 14:03
-	10	("4624050" "4703965" "4754545" "4852247" "5307558" "5727311" "5745241" "5761798" "5960534" "6161886").PN.	USPAT	2002/10/22 14:05
-	21	4624050.URPN.	USPAT	2002/10/22 14:21
-	22	4705311.URPN.	USPAT	2002/10/22 14:24
-	16	4950011.URPN.	USPAT	2002/10/22 14:27
-	9	4762354.URPN.	USPAT	2002/10/22 14:31
-	5	5113578.URPN.	USPAT	2002/10/22 14:32
-	6	("1717454" "4189137" "4624456" "4640503" "5113578" "5451086").PN.	USPAT	2002/10/22 14:32
-	12	4189137.URPN.	USPAT	2002/10/22 14:33
-	13	4703965.URPN.	USPAT	2002/10/22 14:35
-	5	5113578.URPN.	USPAT	2002/10/22 14:35
-	13	4703965.URPN.	USPAT	2002/10/22 14:36
-	7	4815779.URPN.	USPAT	2002/10/22 14:38
-	2	5330241.URPN.	USPAT	2002/10/22 14:42
-	16	4950011.URPN.	USPAT	2002/10/22 14:43
-	13	4703965.URPN.	USPAT	2002/10/22 14:46
-	23	4763941.URPN.	USPAT	2002/10/22 14:55
-	1766	assembly and electronic adj1 component and hand and tool	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/10/22 15:25

-	298	(assembly and electronic adj1 component and hand and tool) and vacuum and mount\$3	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/10/22 15:27
-	142	((assembly and electronic adj1 component and hand and tool) and vacuum and mount\$3) and connector	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/10/22 15:27
-	22	((assembly and electronic adj1 component and hand and tool) and vacuum and mount\$3) and connector) and wheel	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/10/22 15:30
-	0	((assembly and electronic adj1 component and hand and tool) and vacuum and mount\$3) and electropneumatic	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/10/22 15:30
-	3367	electropneumatic	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/10/22 15:30
-	11	electropneumatic and hand adj1 tool	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/10/22 15:37
-	1	1174213.URPN.	USPAT	2002/10/22 15:31
-	0	200041218.URPN.	USPAT	2002/10/22 15:32
-	1	2000-514574.NRAN.	DERWENT	2002/10/22 15:32
-	0	200041218.URPN.	USPAT	2002/10/22 15:32
-	1	2002-208061.NRAN.	DERWENT	2002/10/22 15:33
-	715	29/832,837,739,740,741,743,dig44.ccls. and vacuum	USPAT	2002/10/22 15:38
-	420	(29/832,837,739,740,741,743,dig44.ccls. and vacuum) and assembly	USPAT	2002/10/22 15:39
-	278	((29/832,837,739,740,741,743,dig44.ccls. and vacuum) and assembly) and electronic	USPAT	2002/10/22 15:39
-	259	((29/832,837,739,740,741,743,dig44.ccls. and vacuum) and assembly) and electronic) and mount\$3	USPAT	2002/10/22 15:40
-	75	((29/832,837,739,740,741,743,dig44.ccls. and vacuum) and assembly) and electronic) and mount\$3) and switch\$3	USPAT	2002/10/22 16:20
-	3	5163728.URPN.	USPAT	2002/10/22 15:55
-	5	4033031.URPN.	USPAT	2002/10/22 15:58
-	6	4043033.URPN.	USPAT	2002/10/22 15:58
-	13	4392300.URPN.	USPAT	2002/10/22 15:58
-	0	4799885.URPN.	USPAT	2002/10/22 15:59
-	0	4799885.URPN.	USPAT	2002/10/22 16:00
-	13	("1882154" "2056322" "2093419" "3031760" "3218624" "3245652" "4043033" "4081176" "4340365" "4441014" "4489863" "4522592" "4556195").PN.	USPAT	2002/10/22 16:00
-	4	2093419.URPN.	USPAT	2002/10/22 16:01
-	10	3218624.URPN.	USPAT	2002/10/22 16:01
-	2944	"414" and electronic adj1 component	USPAT	2002/10/22 16:20
-	377	414/\$.ccls. and electronic adj1 component	USPAT	2002/10/22 16:21

-	151	(414/\$.ccls. and electronic adj1 component) and vacuum	USPAT	2002/10/22 16:21
-	95	((414/\$.ccls. and electronic adj1 component) and vacuum) and (hand or manual)	USPAT	2002/10/22 16:27
-	175	hand adj1 tool and electronic adj1 component	USPAT	2002/10/22 16:28
-	26	(hand adj1 tool and electronic adj1 component) and vacuum	USPAT	2002/10/22 16:28
-	7	4686737.URPN.	USPAT	2002/10/22 16:30
-	1	4915245.URPN.	USPAT	2002/10/22 16:31
-	5	5050266.URPN.	USPAT	2002/10/22 16:31
-	1	D388914.URPN.	USPAT	2002/10/22 16:32
-	34	("D185697" "D264011" "D275333" "D299772" "D300574" "D301177" "D314848" "D341452" "1117840" "1354710" "2103050" "2490892" "2534122" "2688499" "2699357" "3022534" "3408091" "3600740" "3811783" "4053962" "4336872" "4553284" "4625998" "4653638" "4688294" "4964189" "5050266" "5067501" "5095579" "5098174" "5123764" "5311631" "5332098" "5401061").PN.	USPAT	2002/10/22 16:32
-	5	5280668.URPN.	USPAT	2002/10/22 16:33
-	97	901/40,41.ccls. and handle	USPAT; US-PGPUB	2002/10/23 14:08
-	60	(901/40,41.ccls. and handle) and vacuum	USPAT; US-PGPUB	2002/10/23 14:10
-	28	198/468.4,375.ccls. and handle	USPAT	2002/10/23 14:12
-	50	294/141.ccls. and handle	USPAT	2002/10/23 14:16
-	255	294/64.1,64.2,64.3,65.ccls. and handle	USPAT	2002/10/23 14:17
-	134	(294/64.1,64.2,64.3,65.ccls. and handle) and turn\$3	USPAT	2002/10/23 14:18
-	124	((294/64.1,64.2,64.3,65.ccls. and handle) and turn\$3) and connect\$3	USPAT	2002/10/23 14:18
-	1	4624050.pn.	USPAT; US-PGPUB	2002/10/23 14:24
-	1	4763405.pn.	USPAT; US-PGPUB	2002/10/23 15:52
-	9	3843183.URPN.	USPAT	2002/10/23 14:58
-	5	3940172.URPN.	USPAT	2002/10/23 14:59
-	9	4618178.URPN.	USPAT	2002/10/23 15:00
-	1	5127694.URPN.	USPAT	2002/10/23 15:00
-	2	5314222.URPN.	USPAT	2002/10/23 15:01
-	12	("2280658" "2635623" "3071402" "3168353" "3466079" "4744594" "4767142" "5169192" "5314222" "5511840" "5928537" "6043458").PN.	USPAT	2002/10/23 15:01
-	38	3071402.URPN.	USPAT	2002/10/23 15:02
-	1	2187806.pn.	USPAT; US-PGPUB	2002/10/23 15:52
-	1	2187806.URPN.	USPAT	2002/10/23 15:52
-	9	3843183.URPN.	USPAT	2002/10/25 09:12

-	1	("2187806").PN.	USPAT;	2002/10/25
-	1	2187806.URPN.	US-PGPUB	09:22
-	4	4208571.URPN.	USPAT	2002/10/25
-	1	("4770454").PN.	USPAT	09:21
-	7	4770454.URPN.	USPAT;	2002/10/25
-	0	electropneumatic adjl link	US-PGPUB	09:30
-	0	electro\$lpneumatic adjl link	USPAT	2002/10/25
-	2457	electro\$lpneumatic	US-PGPUB	09:23
-	60	electro\$lpneumatic and electrostatic	USPAT;	2002/10/25
-	885	electro\$lpneumatic and (hose or tube)	US-PGPUB	09:31
-	766	(electro\$lpneumatic and (hose or tube))	USPAT;	2002/10/25
-	151	and electric\$4	US-PGPUB	09:31
-	61	((electro\$lpneumatic and (hose or tube))	USPAT;	2002/10/25
-	2243	and electric\$4) and vacuum	US-PGPUB	09:32
-	168	((electro\$lpneumatic and (hose or tube))	USPAT;	2002/10/25
-	121	and electric\$4) and vacuum) and flex\$4	US-PGPUB	09:35
-	103	174/\$.ccls. and flexible with cable	USPAT;	2002/10/25
-	47	(174/\$.ccls. and flexible with cable) and	US-PGPUB	09:36
-	8	vacuum	USPAT;	2002/10/25
-	29	((174/\$.ccls. and flexible with cable)	US-PGPUB	09:38
-	14	and vacuum) and conductive	USPAT;	2002/10/25
-	7	((174/\$.ccls. and flexible with cable)	US-PGPUB	09:44
-	4	and vacuum) and conductive) and	USPAT;	2002/10/25
-	8	electrical	US-PGPUB	09:45
-	29	(174/\$.ccls. and flexible with cable) and	USPAT;	2002/10/25
-	14	pneumatic and electrical	US-PGPUB	09:47
-	8	3603719.URPN.	USPAT;	2002/10/25
-	29	("3672570" "3674205" "4170074"	USPAT	09:47
-	14	"4248379" "4302481" "4590884"	USPAT	2002/10/25
-	7	"4728033" "4730647" "4746063"	USPAT	09:56
-	4	"4770344" "4823731" "4824295"	USPAT	2002/10/25
-	8	"4898116" "4953495" "4957060"	USPAT	09:57
-	5	"5018909" "5080289" "5107756"	USPAT	2002/10/25
-	18	"5136972" "5170591" "5215261"	USPAT	09:58
-	10	"5256201" "5288324" "5389149"	USPAT	2002/10/25
-	27	"5591240" "5645380" "5704957"	USPAT	10:00
-	14	"5739429" "5776249").PN.	USPAT	2002/10/25
-	7	("3907955" "4196307" "4525813"	USPAT	10:02
-	4	"4597065" "4725693" "4765711"	USPAT	2002/10/25
-	8	"5138684" "5362921" "5506818"	USPAT	10:02
-	5	"5613524" "5902958" "6012495"	USPAT	2002/10/25
-	18	"6016845" "6268567").PN.	USPAT	10:03
-	10	("3301940" "4651718" "4790294"	USPAT	2002/10/25
-	27	"5105819" "5178129" "5749828"	USPAT	10:05
-	4	"5807241").PN.	USPAT	2002/10/25
-	8	4808767.URPN.	USPAT	10:16
-	5	("0281223" "2730133" "3212528"	USPAT	2002/10/25
-	18	"3420276" "3603719" "3729028"	USPAT	10:02
-	10	"4138178" "4402346").PN.	USPAT	2002/10/25
-	27	2730133.URPN.	USPAT	10:03
-	18	3729028.URPN.	USPAT	2002/10/25
-	10	174/\$.ccls. and electric\$4 adjl hose	USPAT	10:05
-	27	3636285.URPN.	USPAT	2002/10/25
-			USPAT	10:16
-			USPAT	2002/10/25
-			USPAT	10:21

-	13	4697300.URPN.	USPAT	2002/10/25 11:12
-	6	("1920889" "3636285" "4193105" "4215384" "4255776" "4405969").PN.	USPAT	2002/10/25 11:13
-	27	3636285.URPN.	USPAT	2002/10/25 11:13
-	132	vacuum adj1 pick\$1up same axis	USPAT; US-PGPUB	2002/10/28 17:02
-	48	(vacuum adj1 pick\$1up same axis) and handle	USPAT; US-PGPUB	2002/10/28 17:03
-	5495	hand adj1 tool and handle	USPAT; US-PGPUB	2002/10/28 17:04
-	570	(hand adj1 tool and handle) and wheel and axis	USPAT; US-PGPUB	2002/10/28 17:04
-	99	((hand adj1 tool and handle) and wheel and axis) and knob	USPAT; US-PGPUB	2002/10/28 17:11
-	549	(hand adj1 tool and handle) and handle and knob	USPAT; US-PGPUB	2002/10/28 17:11
-	134	((hand adj1 tool and handle) and handle and knob) and wheel	USPAT; US-PGPUB	2002/10/28 17:17
-	99	((hand adj1 tool and handle) and handle and knob) and wheel) and axis	USPAT; US-PGPUB	2002/10/28 17:31
-	44	turning adj1 knob same handle same axis	USPAT; US-PGPUB	2002/10/28 17:36
-	13	4697300.URPN.	USPAT	2002/11/01 10:09
-	3	4985801.URPN.	USPAT	2002/11/01 10:10
-	15	5124878.URPN.	USPAT	2002/11/01 10:11
-	4	5381834.URPN.	USPAT	2002/11/01 10:13
-	7	5613524.URPN.	USPAT	2002/11/01 10:14
-	9	5655572.URPN.	USPAT	2002/11/01 10:15
-	12	5405434.URPN.	USPAT	2002/11/01 10:16
-	9	4283594.URPN.	USPAT	2002/11/01 10:17
-	9	4787117.URPN.	USPAT	2002/11/01 10:17
-	6	3940172.URPN.	USPAT	2002/11/01 10:18
-	7	4296654.URPN.	USPAT	2002/11/01 10:19
-	1	hand\$1tool same pick and place	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/11/01 10:20
-	87	hand adj1 tool same pick and place	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/11/01 10:21
-	45	(hand adj1 tool same pick and place) and axis	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/11/01 10:28
-	0	294/\$.ccls. and 29/\$.ccls. and turning adj1 knob	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/11/01 10:30
-	2	294/\$.ccls. and 29/\$.ccls. and turning and knob	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/11/01 10:31
-	3	5163728.URPN.	USPAT	2002/11/01 10:31

-	420	handle same turning adj1 knob	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/11/01 10:32
-	203513	axis and wheel	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/11/01 10:32
-	63	(handle same turning adj1 knob) and (axis and wheel)	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/11/01 11:28
-	10	("2280658" "3466079" "3517958" "3523706" "3912317" "4828306" "4969676" "5106139" "5290082" "5314223").PN.	USPAT	2002/11/01 10:45
-	4	5314223.URPN.	USPAT	2002/11/01 10:45
-	11	4969676.URPN.	USPAT	2002/11/01 10:47
-	16	3912317.URPN.	USPAT	2002/11/01 10:48
-	11	2280658.URPN.	USPAT	2002/11/01 10:49
-	11	4050729.URPN.	USPAT	2002/11/01 10:50
-	1	5127694.URPN.	USPAT	2002/11/01 10:50
-	9	electro\$lpneumatic same flexible and charge	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/11/01 11:31
-	343	(hole or tube) with vacuum same flexible and charge	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/11/01 11:32
-	205	((hole or tube) with vacuum same flexible and charge) and electrical	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/11/01 11:32
-	66	((hole or tube) with vacuum same flexible and charge) and electrical) and electrostatic	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/11/01 11:41
-	4	3676671.URPN.	USPAT	2002/11/01 11:35
-	1	4915245.URPN.	USPAT	2002/11/01 11:40
-	16	5428658.URPN.	USPAT	2002/11/01 11:41
-	285	hose same flexible and electro\$lstatic and charge	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/11/01 11:43
-	100	(hose same flexible and electro\$lstatic and charge) and vacuum	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/11/01 11:49
-	15	("3926271" "4005412" "4561286" "4838323" "5131441" "5172738" "5201215" "5209275" "5225679" "5309957" "5330073" "5343906" "5782275" "5934507" "5975165").PN.	USPAT	2002/11/01 11:44
-	6	((hose same flexible and electro\$lstatic and charge) and vacuum) and graphite	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/11/01 11:59
-	0	silicon with graphite same hose same flexible and vacuum and charge and static	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/11/01 12:00

-	5	silicon with graphite and hose same flexible and vacuum and charge and static	USPAT; EPO; JPO; DERWENT; IBM TDB USPAT	2002/11/01 12:00
-	9	4870535.URPN.		2002/11/01 12:10